



(19)

(11) Publication number: **08028172**

Generated Document.

**PATENT ABSTRACTS OF JAPAN**(21) Application number: **06191101**(51) Intl. Cl.: **E21B 19/06 E21B 7/20 E21D 5/10**(22) Application date: **20.07.94**

(30) Priority:

(43) Date of application publication: **30.01.96**

(44) Designated contracting states:

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**(54) OSCILLATING PRESS-IN DEVICE OF VERTICAL SHAFT CASING**

(57) Abstract:

**PURPOSE:** To use a general purpose caterpillar type power shovel, etc., for drilling as it is at the time of forming a vertical shaft by way of press fitting a casing underground and to use it as a counterweight at the time of press fitting the casing simultaneously.

**CONSTITUTION:** A footboard 11 is installed on a base 2 set on the ground surface concerning an oscillating press fitting device to press fit cylindrical vertical shaft casings 31-33 by way of gripping, rotating and oscillating them. Weight of a power shovel is used as a counter-weight by devising a crawler 24 of the power shovel for drilling the inside of the casings to get on the footboard 11.

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